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1 [Boot with GRUB](#)

Wayne Marshall

May 2001 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(29.20 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Run multiple OSes with free GRUB.



2 [Developing a multi-boot computer environment and preparing for deployment to multiple workstations using Symantec Ghost: a cookbook approach](#)

Edward Mirielli, Linda Webster, Mike Lynn

April 2005 **Journal of Computing Sciences in Colleges**, Volume 20 Issue 4

Publisher: Consortium for Computing Sciences in Colleges

Full text available: [pdf\(132.47 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



This paper describes the need for allowing faculty to control and administer the setup and configuration of computers used for teaching and learning. It presents a solution to create and deploy a multi-boot operating system configuration in a computer laboratory environment that minimizes the dependency on the already fragmented small college IT staff and maximizes the use of tools and technology in a practical way. This solution utilizing Symantec Ghost is described as a pseudo-cookbook method ...

3 [Kernel Korner: Booting the Kernel](#)

Alessandro Rubini

June 1997 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(22.08 KB\)](#) Additional Information: [full citation](#), [index terms](#)



4 [Virtual disk based centralized management for enterprise networks](#)

Yuezhi Zhou, Yaoxue Zhang, Yinglian Xie

September 2006 **Proceedings of the 2006 SIGCOMM workshop on Internet network management INM '06**

Publisher: ACM Press

Full text available: [pdf\(290.41 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)



The rapid advances in hardware, software, and networks have made the management of

enterprise network systems an increasingly challenging task. Due to the tight coupling between hardware, software, and data, every one of the hundreds or thousands of PCs that are connected in an enterprise environment has to be administered individually, leading to high Total Cost of Ownership (TCO). We argue that centralized management with distributed, diskless clients, yet centralized repositories of all softw ...

Keywords: enterprise networks, system management, virtual disks

5 A methodology for fast PC hard disk state restoration

 David D. Langan, Thomas J. Scott

March 1992 **Proceedings of the 1992 ACM/SIGAPP symposium on Applied computing: technological challenges of the 1990's SAC '92**

Publisher: ACM Press

Full text available:  pdf(676.05 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



6 Booting Linux from EPROM

Dave Bennett

January 1997 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(8.38 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A quick look at making Linux bootable from EPROM on a 486 single board computer



7 Linux Apprentice Windows/Linux Dual Boot

Vince Veselosky

April 1999 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(14.94 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Don't want to give up Windows while you learn Linux? Here's how to use both on the same machine



8 Linux System Administration: Adding a New Disk to a Linux System

Aleleen Frisch

December 1995 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(15.75 KB) Additional Information: [full citation](#), [index terms](#)



9 Encrypt your root filesystem

Mike Petullo

January 2005 **Linux Journal**, Volume 2005 Issue 129

Publisher: Specialized Systems Consultants, Inc.

Full text available:  html(24.01 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Get high-grade security for all your data even when you can't lock up the hardware.



10 Risks to the public

 Peter G. Neumann

January 1988 **ACM SIGSOFT Software Engineering Notes**, Volume 13 Issue 1

Publisher: ACM Press



Full text available: [pdf\(1.51 MB\)](#) Additional Information: [full citation](#), [index terms](#)

11 Mobile services: Reincarnating PCs with portable SoulPads

 Ramón Cáceres, Casey Carter, Chandra Narayanaswami, Mandayam Raghunath
June 2005 **Proceedings of the 3rd international conference on Mobile systems, applications, and services MobiSys '05**

Publisher: ACM Press

Full text available: [pdf\(199.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The ability to walk up to any computer, personalize it, and use it as one's own has long been a goal of mobile computing research. We present *SoulPad*, a new approach based on carrying an auto-configuring operating system along with a suspended virtual machine on a small portable device. With this approach, the computer boots from the device and resumes the virtual machine, thus giving the user access to his personal environment, including previously running computations. *SoulPad* ha ...

12 PC Notes

 Eugene Styer
July 1997 **ACM SIGICE Bulletin**, Volume 23 Issue 1

Publisher: ACM Press

Full text available: [pdf\(938.83 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Now in segment ten we look at mass storage: disks, tapes and CD-ROMs.

13 Linux Distributions Compared

Bryan Phillippe
September 1996 **Linux Journal**

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(47.86 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Linux is evolving quickly. As we did in March 1996, we detail the features of Linux distributions to help you select one to meet your needs.

14 Bootable restoration cds with Mondo

Craig Swanson, Matt Lung
October 2003 **Linux Journal**, Volume 2003 Issue 114

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(19.96 KB\)](#) Additional Information: [full citation](#), [abstract](#)

Do you have a bare-metal recovery plan? Burn a customized, hands-off restore CD for every system on your network.

15 Guard against data loss with mondo rescue

Hugo Rabson
December 2001 **Linux Journal**, Volume 2001 Issue 92

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(18.54 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Looking for an easy open-source backup method?

16 Hard disk management standards in a networked environment

Paul Reince
August 1990 **Proceedings of the 18th annual ACM SIGUCCS conference on User services SIGUCCS '90**
Publisher: ACM Press
Full text available: [pdf\(472.88 KB\)](#) Additional Information: [full citation](#), [index terms](#)

17 Devirtualizable virtual machines enabling general, single-node, online maintenance 
David E. Lowell, Yasushi Saito, Eileen J. Samberg
October 2004 **ACM SIGARCH Computer Architecture News , ACM SIGOPS Operating Systems Review , ACM SIGPLAN Notices , Proceedings of the 11th international conference on Architectural support for programming languages and operating systems ASPLOS-XI**, Volume 32 , 38 , 39 Issue 5 , 5 , 11
Publisher: ACM Press
Full text available: [pdf\(174.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Maintenance is the dominant source of downtime at high availability sites. Unfortunately, the dominant mechanism for reducing this downtime, cluster rolling upgrade, has two shortcomings that have prevented its broad acceptance. First, cluster-style maintenance over many nodes is typically performed a few nodes at a time, making maintenance slow and often impractical. Second, cluster-style maintenance does not work on single-node systems, despite the fact that their unavailability during mainte ...

Keywords: availability, online maintenance, planned downtime, virtual machines

18 Linux in Education: Maragda: Running Linux from CD 
Jordi Bataller
March 2001 **Linux Journal**
Publisher: Specialized Systems Consultants, Inc.
Full text available: [html\(15.58 KB\)](#) Additional Information: [full citation](#), [index terms](#)

19 Migration: Optimizing the migration of virtual computers 
Constantine P. Sapuntzakis, Ramesh Chandra, Ben Pfaff, Jim Chow, Monica S. Lam, Mendel Rosenblum
December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI
Publisher: ACM Press
Full text available: [pdf\(1.68 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper shows how to quickly move the state of a running computer across a network, including the state in its disks, memory, CPU registers, and I/O devices. We call this state a *capsule*. Capsule state is hardware state, so it includes the entire operating system as well as applications and running processes. We have chosen to move x86 computer states because x86 computers are common, cheap, run the software we use, and have tools for migration. Unfortunately, x86 c ...

20 Setting up a VPN gateway 
Duncan Napier
January 2002 **Linux Journal**, Volume 2002 Issue 93
Publisher: Specialized Systems Consultants, Inc.
Full text available: [html\(24.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A minimum inverstment VPN--the micro DUCLINGdistribution.

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IEE JNL IEE Journal or Magazine

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IEEE STD IEEE Standard

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1. Remote DOS disk server on a unix machine
Bose, S.R.; Maniyar, S.N.; Srivathsan, X.R.; Barus, G.; Murty, S.N.;
[TENCON '91.1991 IEEE Region 10 International Conference on EC3-Energy, Computer, Commun Systems](#)
Volume 3, Aug. 28-30, 1991 Page(s):103 - 107
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- 1. A framework for and implementation of intelligent task distribution

Maple, C.; Vince, D.;

[Parallel Computing in Electrical Engineering, 2002. PARELEC '02. Proceedings. International Conf](#)

22-25 Sept. 2002 Page(s):195 - 198

Digital Object Identifier 10.1109/PCEE.2002.1115238

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